



# WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH994169

## A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **TXD008950461** GENERATOR NAME: **USEPA**  
GENERATOR CODE (Assigned by Clean Harbors) **US29628** CITY **Houston** STATE/PROVINCE **TX** ZIP/POSTAL CODE **77021**  
ADDRESS **4904 Griggs Road** PHONE: **(419) 429-5519**  
CUSTOMER CODE (Assigned by Clean Harbors) **SH1150** CUSTOMER NAME: **CB&I**  
ADDRESS **4171 Essen Lane** CITY **Baton Rouge** STATE/PROVINCE **LA** ZIP/POSTAL CODE **70809**

## B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Sodium nitrite**

PROCESS GENERATING WASTE: **Facility cleanup**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **Yes**

## C. PHYSICAL PROPERTIES (at 25C or 77F)

<b>PHYSICAL STATE</b> <input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	<b>NUMBER OF PHASES/LAYERS</b> 1 2 3 TOP <b>0.00</b> % BY VOLUME (Approx.) MIDDLE <b>0.00</b> BOTTOM <b>0.00</b>	<b>VISCOSITY (If liquid present)</b> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	<b>COLOR</b>  <b><u>white to slightly ye</u></b>	
	<b>ODOR</b> NONE <input checked="" type="checkbox"/> MILD STRONG Describe:	<b>BOILING POINT °F (°C)</b> <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) >= 130 (>54)	<b>MELTING POINT °F (°C)</b> < 140 (<60) 140-200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	<b>TOTAL ORGANIC CARBON</b> <input checked="" type="checkbox"/> <= 1% 1-9% >= 10%
<b>FLASH POINT °F (°C)</b> < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) > 200 (>93)	<b>pH</b> <= 2 2.1 - 6.9 7 (Neutral) <input checked="" type="checkbox"/> 7.1 - 12.4 >= 12.5	<b>SPECIFIC GRAVITY</b> < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) <input checked="" type="checkbox"/> > 1.2 (e.g. Methylene Chloride)	<b>ASH</b> < 0.1 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	<b>BTU/LB (MJ/kg)</b> <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:

## D. COMPOSITION

(List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
OTHER FILLERS (NON-REGULATED)	1.0000000	--	2.0000000	%
SODIUM NITRITE CRYSTALS	98.0000000	--	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES ☒ NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES ☒ NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES ☒ NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE **G43** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W409**

**E. CONSTITUENTS**

Are these values based on testing or knowledge?      Knowledge      Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

**Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.**

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
<b>VOLATILE COMPOUNDS</b>				<b>OTHER CONSTITUENTS</b>		
D018	BENZENE	0.5			MAX	UOM
D019	CARBON TETRACHLORIDE	0.5		BROMINE		NOT APPLICABLE
D021	CHLOROBENZENE	100.0		CHLORINE		<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		FLUORINE		<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		IODINE		<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		SODIUM		<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		AMMONIA		<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		<input checked="" type="checkbox"/>
<b>SEMI-VOLATILE COMPOUNDS</b>				CYANIDE REACTIVE		<input checked="" type="checkbox"/>
D023	o-CRESOL	200.0		CYANIDE TOTAL		<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0		SULFIDE REACTIVE		<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
<b>PESTICIDES AND HERBICIDES</b>						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				
<b>ADDITIONAL HAZARDS</b>						
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?						
YES <input checked="" type="checkbox"/> NO (If yes, explain)						
<b>CHOOSE ALL THAT APPLY</b>						
DEA REGULATED SUBSTANCES		EXPLOSIVE		FUMING		OSHA REGULATED CARCINOGENS
POLYMERIZABLE		RADIOACTIVE		REACTIVE MATERIAL		<input checked="" type="checkbox"/> NONE OF THE ABOVE



## F. REGULATORY STATUS

<input checked="" type="checkbox"/>	YES	NO	USEPA HAZARDOUS WASTE?	<div>D003</div>
YES	<input checked="" type="checkbox"/>	NO	DO ANY STATE WASTE CODES APPLY?	<div></div>
			Texas Waste Code	<div>FY68315H</div>
YES	<input checked="" type="checkbox"/>	NO	DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?	<div></div>
<input checked="" type="checkbox"/>	YES	NO	IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?	
			LDR CATEGORY:	<div>This is subject to LDR.</div>
			VARIANCE INFO:	<div></div>
YES	<input checked="" type="checkbox"/>	NO	IS THIS A UNIVERSAL WASTE?	
YES		NO	IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?	
YES		NO	IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?	
YES	<input checked="" type="checkbox"/>	NO	DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?	
YES		NO	IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?	
YES	<input checked="" type="checkbox"/>	NO	DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?	
YES		NO	DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?	
YES	<input checked="" type="checkbox"/>	NO	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?	
<input checked="" type="checkbox"/>	YES	NO	IS THIS CERCLA REGULATED (SUPERFUND ) WASTE ?	
YES	<input checked="" type="checkbox"/>	NO	IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?	
			Hazardous Organic NESHAP (HON) rule (subpart G)	Pharmaceuticals production (subpart GGG)
YES	<input checked="" type="checkbox"/>	NO	IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?	
YES		NO	Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?	
YES		NO	Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?	
			What is the TAB quantity for your facility?	<div></div> Megagram/year (1 Mg = 2,200 lbs)
			The basis for this determination is: Knowledge of the Waste Or Test Data	Knowledge      Testing
			Describe the knowledge :	<div></div>

## G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN1500, WASTE SODIUM NITRITE, 5.1, (6.1), PG III

## H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME   WEEKLY   MONTHLY   QUARTERLY   YEARLY   OTHER

<input checked="" type="checkbox"/> CONTAINERIZED	BULK LIQUID		BULK SOLID	
1-1 CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min -0 Max	GAL.	SHIPMENT UOM:	TON      YARD
STORAGE CAPACITY: 1			TONS/YARDS/SHIPMENT:	0 Min - 0 Max
CONTAINER TYPE:				
CUBIC YARD BOX				
TOTE TANK	<input checked="" type="checkbox"/>	DRUM		
OTHER:				
DRUM SIZE: 30				

## I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

## GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE

Gary Moore

U.S. EPA OSC

5/11/15